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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2003-1897.CIP
First Inventor	Christ G. ELLIS
Title	Intelligent Vehicle Apparatus and Method...
Express Mail Label	ER-430-459-913-US

APPLICATION ELEMENTS

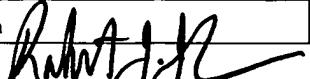
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria VA 22313-1450

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 58] (preferred arrangement set forth below)	a. <input type="checkbox"/> Computer Readable Form (CRF)
- Descriptive title of the invention	b. Specification Sequence Listing on:
- Cross Reference to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
- Statement Regarding Fed sponsored R & D	ii. <input type="checkbox"/> Paper
- Reference to sequence listing, a table, or a computer program listing appendix	c. <input type="checkbox"/> Statements verifying identity of above copies
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 36]	
5. Oath or Declaration [Total Pages one]	
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	11. <input type="checkbox"/> English Translation Document (if applicable)
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:	13. <input type="checkbox"/> Preliminary Amendment
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 10/684,283	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
Prior application information: Examiner _____ Group / Art Unit: _____	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
19. CORRESPONDENCE ADDRESS	17. <input checked="" type="checkbox"/> Other: Petition To Make Special Because Of Applicant's Age

Customer Number: 22476 or Correspondence address below

Name	Robert J. Jacobson Haugen Law Firm PLLP				
Address	1130 TCF Tower 121 South Eighth Street South				
City	Minneapolis	State	Minnesota	Zip Code	55402
Country	United States of America	Telephone	612-339-8300	Fax	612-339-8200

Name (Print/Type)	Robert J. Jacobson	Registration No. (Attorney/Agent)	32,419	
Signature			Date	October 26, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

U.S.PTO
22582 10/694538
102603

Practitioner's Docket No. 2003-1897.CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christ G. Ellis
 Application No.: OF EVEN DATE
 Filed: OF EVEN DATE
 For: Intelligent Vehicle Apparatus And Method For Using The Apparatus

Group No.: 2632
 Examiner: Tweel Jr., John Alexander

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING VIA EXPRESS MAIL

I hereby certify that the attached patent application consisting of the following papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on October 26, 2003 and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, under Express Mail Post Office to Addressee Label No. ER-430-459-913-US:

1. This Certificate of Mailing via Express Mail dated 10/26/03 (one page);
2. Utility Patent Application Transmittal dated 10/26/03 (one page plus copy);
3. Fee Transmittal for FY 2004 dated 10/26/03 (one page plus copy);
4. Check no. 5734 in the amount of \$2884.00;
5. Declaration For Utility or Design Application Using an Application Data Sheet (one page);
6. Application Data Sheet (two pages);
7. Petition To Make Special Because of Applicant's Age dated 10/26/03 (one page) and having a copy of Certificate of Birth (one page);
8. Copy of Notification of Filing of Continuation-in-Part Application dated 10/26/03 (one page);
9. Written Description (pages 1-44);
10. Claims (pages 45-57);
11. Abstract (page 58);
12. Formal drawings (36 sheets) clipped to written description, claims and abstract;
13. PTO-1449 form (one sheet) attached to copies of three U.S. Patents; and
14. Postcard Receipt.

Respectfully submitted,

HAUGEN LAW FIRM PLLP



Robert J. Jacobson, Reg. No. 32,419
 Attorney for Applicant(s)
 1130 TCF Tower
 121 South Eighth Street
 Minneapolis, MN 55402
 Phone: (612) 339-8300

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT $\chi > \$ 2,884.00$

Complete if Known

Application Number	OF EVEN DATE
Filing Date	OF EVEN DATE
First Named Inventor	Christ G. ELLIS
Examiner Name	
Art Unit	
Attorney Docket No.	2003-1897.CIP

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number **50-0789**

Deposit Account Name **Haugen Law Firm PLLP**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non - English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
Total Claims 54 -20** = 34	X 9.00 = 306.00		
Independent Claims 54 - 3** = 51	X 43.00 = 2,193.00		
Multiple Dependent			

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	385.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		$\chi > \$ 385.00$	

2. EXTRA CLAIM FEES FOR UTILITY AND

	Extra Claims	Fee from below	Fee Paid
Total Claims	54 -20** = 34	X 9.00 = 306.00	
Independent Claims	54 - 3** = 51	X 43.00 = 2,193.00	
Multiple Dependent			

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		$\chi > \$ 2,499.00$	

**or number previously paid, if greater; For Reissues, see above

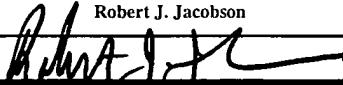
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

 $\chi > \$$

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Robert J. Jacobson	Registration No. (Attorney/Agent)	32,419	Telephone	612-339-8300
Signature			Date	October 26, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Practitioner's Docket No. 2003-1897.CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christ G. Ellis
Application No.: OF EVEN DATE
Filed: OF EVEN DATE
For: Intelligent Vehicle Apparatus And Method For Using The Apparatus

Group No.: 2632
Examiner: Tweel Jr., John Alexander

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

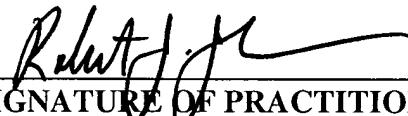
PETITION TO MAKE SPECIAL BECAUSE OF APPLICANT'S AGE

(37 CFR 1.102(c) and MPEP § 708.02 IV)

Applicant hereby petitions to make this application special because applicant is over 65 years of age.

As a showing of this fact, accompanying this petition is a true copy of applicant's Certificate of Birth.

No fee is required with this petition, in accordance with 37 C.F.R. § 1.102(c).



SIGNATURE OF PRACTITIONER

Reg. No.: 32,419

Robert J. Jacobson

Tel. No.: (612) 339-8300

HAUGEN LAW FIRM PLLP
1130 TCF Towerf
121 South Eighth Street
Minneapolis, MN 55402

{16506.DOC}

I hereby certify that this correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date October 26, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Number ER-430-459-913-US addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.



Robert J. Jacobson, Reg. No. 32,419

(Petition To Make Special Because Of Applicant's Age—page 1 of 1)

Hennepin County, Minnesota

Director of Licensing

CERTIFICATE OF BIRTH

STATE OF MINNESOTA COUNTY OF HENNEPIN

This is to certify that the records of Vital Statistics of the Director of Licensing record and show:

DATE ISSUED:
AUGUST 31, 1998

NAME: CHRIST G ELLIS

DATE OF BIRTH: AUGUST 10, 1927

SEX: MALE

CERTIFICATE NO: 13-2-0196

PLACE OF BIRTH: MINNEAPOLIS

DATE FILED: AUGUST 12, 1927

MOTHERS MAIDEN NAME: SOPHIE ASEMACOPOULOU

FATHERS NAME: GEORGE E ELLIS



Patrick H. O'Connor
PATRICK H. O'CONNOR
DIRECTOR OF LICENSING

Warning: This certificate is not valid if it has been altered in any way whatsoever.

(Copy)

ER-430-459-913-45

Practitioner's Docket No. 2002-1854.CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christ G. Ellis

Application No.: 10/684,283

Filed: October 11, 2003

For: Apparatus And Method For Automatic Vision Enhancement

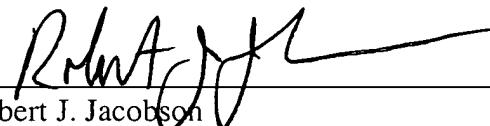
Group No.: 2632

Examiner: Tweel Jr., John Alexander

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NOTIFICATION OF FILING OF CONTINUATION-IN-PART APPLICATION

A continuation-in-part application for this case was mailed on October 26, 2003.

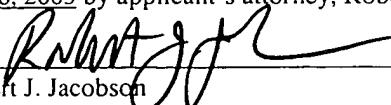


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{16508.DOC}

I hereby certify that this correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on October 26, 2003 by applicant's attorney, Robert J. Jacobson.



Robert J. Jacobson

(Notification of Filing of CIP Application—page 1 of 1)